

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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basic imagery interpretation report

Chernomorskoye Missile Test and Evaluation Facility (S)

MISSILE RANGES: NAVAL LAUNCHED FACILITIES

USSR

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RCA-17/0002/80

JUNE 1980

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INSTALLATION OR ACTIVITY NAME					COUNTRY
Chernomorskoye Missile Test and Evaluation Facility					UR
UTM COORDINATES	GEOGRAPHIC COORDINATES	CATEGORY	BE NO.	COMIREX NO.	NIETB NO.
NA	45-01-16N 035-57-48E				
MAP REFERENCE					
DMA. USATC, Series 200, Sheet 0249-16, scale 1:200,000					
LATEST IMAGERY USED			NEGATION DATE (If required)		
			NA		

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ABSTRACT

1. (TSR) This report describes activity at the Chernomorskoye Missile Test and Evaluation Facility, USSR, from [] and updates NPIC report []

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2. (TSR) Construction, primarily in the support area and at probable instrumentation sites 1, 2, and 3, continued at the facility. Work continued on roads at the [] and in the western portion of the facility. Activity and equipment seen in launch areas B and D and in the missile handling area between June and September may indicate test preparations or training exercises, possibly involving the SA-11 and an unidentified missile system. In the [] range the WHIFF radar van was seen in the operational mode in September, and an unidentified van was seen on pad 2 in area C. Since no additional signatures that would link the rangehead to laser testing have been seen in that area, the activity and equipment may have been in support of other testing within the Feodosiya Naval Test Range.

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3. (U) This report contains a location map, nine annotated photographs, and two tables.

BASIC DESCRIPTION

4. (TSR) Construction was still under-way in the support area and at the probable instrumentation sites at the Chernomorskoye Missile Test and Evaluation Facility¹ (Figure 1). Work continued on roads in launch area C and in the western portion of the facility.

continued at a slow pace. One small support building was being expanded on the east side of the facility.

Support Area

5. (TSR) The large building under construction northwest of the administration facility appeared to be externally complete. Construction southwest of the power substation

Missile Handling Area

6. (TSR) No construction was seen within this area. An unidentified [] meter dolly/piece of equipment (Figure 2) was seen outside a storage building in June 1979 and remained there until September. The presence of the equipment coincided with activity seen in the launch areas.

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Launch Areas

7. (TSR) Except for a shelter that was temporarily erected on the irregularly shaped pad in launch area B, no new construction was observed. The shelter apparently served as an environmental cover for a piece of unidentified equipment that has frequently been seen on the pad. The shelter was emplaced in June and had been removed by November.

Area A

8. (TSR) A computer van was added to the electronics equipment in launch area A on [REDACTED] (Figure 3). At that time the WHIFF radar van was observed in operational mode, and two covered elements (probable Cigar antenna) were on a telemetry van.

Area B

9. [REDACTED]

[REDACTED] # Imagery of the facility obtained on [REDACTED] showed that the probable launchers were secured with an environmental covering. No evidence of a blast mark was seen. Although a truck and a probable generator van were observed at the control bunker, their presence does not mean that such a launch occurred. Similar vehicles have been observed at the facility at times when no launch activities were occurring in the Feodosiya Naval Test Range.

10. (TSR) On [REDACTED] two unidentified objects/containers that measured approximately [REDACTED] each were seen on launch pad 2. By [REDACTED] one of the objects/containers had been discarded behind the revetment near the pad (Figure 4). The other object/container was not seen in the facility, and the probable launch tubes remained covered.

11. (TSR) A [REDACTED] tracked vehicle that arrived in the facility in April 1979 is comparable in size and appearance to a probable transporter-erector-launcher (TEL; Figures 5 and 6) previously seen at the Feodosiya Naval Missile Support Facility [REDACTED]. The probable TEL was last seen at Feodosiya in December 1978 and has been associated with possible testing of the SA-11 system for naval use. The probable TEL was first seen at Chernomorskoye on an irregularly shaped pad in launch area B. In June the probable TEL was seen in area D.

Area C

12. (TSR) Since [REDACTED] paving of the roads to the pads in area C has been underway. On that date a [REDACTED] meter van was seen on pad 2. The van remained in that position until November.

Area D

13. (TSR) In June the probable TEL previously seen in area B was parked behind one of the LA-17 launchers (Figure 7). Since the arrival of the probable TEL, the probable launch rails have been seen canvas covered on all occasions except [REDACTED]. [REDACTED] the probable TEL had returned to the irregularly shaped hardstand in area B, and the probable launch rails again were canvas covered.

Probable Instrumentation Sites 1, 2, and 3**Site 1**

14. (TSR) By [REDACTED] a scaffold had been erected on a reinforced hardstand (Figure 8). The scaffold measured [REDACTED] and was in line of site with areas A and C. A scaffold of similar dimensions was

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observed on the ground at site 2. A possible optical/instrumentation tower (item 3) has also been erected at the site, which appears to be externally complete. The major physical difference between sites 1 and 2 is the presence of a unique probable operations building (item 9) at site 1. The building may be drive-through, and its entrance faces seaward.

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Site 2

15. (TSR) Concrete reinforcements have been installed where the hardstand for the scaffold will be emplaced. Construction at this site (Figure 9) has continued at a relatively slow pace.

Site 3

16. (TSR) Construction continued at a slow pace at this site (Figure 1), which still lacks any resemblance to sites 1 and 2.¹

Testing Activity

18. The movement of the probable TEL to launch area D, activity and unidentified equipment in launch area B, and the unidentified dolly/piece of equipment seen in the missile handling area from June through September 1979 indicate prelaunch and/or training activities.

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Also, there was no evidence of a blast mark. The lack of confirmed ground launch activity also suggests that the probable TEL was not used for SA-11 system evaluation or for the launch of any new type of drone.

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REFERENCES

IMAGERY

(TSR) All applicable KEYHOLE imagery acquired through [] the information cutoff date for this report, was used in the preparation of this report.

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MAPS OR CHARTS

DMA. US Air Target Chart, Series 200, Sheet 0249-16, scale 1:200,000 (UNCLASSIFIED)

DOCUMENTS

1. NPIC. [] RCA-17/0004/79, *Chernomorskoye Missile Test and Evaluation Facility (S)*, Jan 80 (TOP SECRET []) 25X1
2. CIA. WIDR 6119/79, "FAD-750 Launched in the Black Sea on 5 June []" *Weapons Intelligence Daily Review*, 18 Jun 79 (TOP SECRET []) 25X1
3. CIA. WIDR 6126/79, "Second Flight Test of Possible New Soviet Cruise Missile ([]) []" *Weapons Intelligence Daily Review*, 27 Jun 79 (TOP SECRET []) 25X1
4. NSA. K/00/779-79, *Further Analysis of FAD-750 Telemetry Indicates that it Emanates from a Soviet Naval Cruise Missile* [] Dec 79 (TOP SECRET []) 25X1
5. NPIC. [] SR-063/78, *Probable Components of the SA-X-11 Missile System at Feodosiya, USSR (TSR)*, Sep 78 (TOP SECRET []) 25X1

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REQUIREMENT

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(S) Comments and queries regarding this report are welcome. They may be directed to [] Soviet Strategic Forces Division, Imagery Exploitation Group, NPIC, []

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